Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Monday 01 Feb 2021 until 23:59 on Tuesday 02 Feb 2021

Forecast Issued on Monday 01 Feb 2021 at 02:36

Confidence: High for most of Monday but low for snow in evening. High for unsettled conditions from Tuesday with sleet or snow at times but Low confidence for details, especially snow heights. There is uncertainty in the positions of fronts over the UK and boundary between milder air to the SW and cold air to the NE.

Headline for Monday 01 Feb 2021: Dry and cold, with sunny spells. Turning increasingly cloudy later.

Mountain weather hazards on Monday 01 Feb 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Sunny	Sunny intervals	Cloudy	Cloudy	Dull
Precipitation probability					
<05%	<05%	<05%	<05%	10%	30%

Forecast for Monday 01 Feb 2021

Weather: Dry, with clear spells and a fairly wdiespread frost overnight and into the morning. A dry and cold day with bright or sunny spells. Turning increasingly cloudy from the west during the evening, although it should remain largely dry.

Chance of cloud free mountain/hill tops above 600m: 100% during the day becoming 60% in the evening.

Visibility: No issues during daylight hours with good visibility at all levels. Patchy low cloud developing above 400m in the evening but confidence low for this aspect of the forecast.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Monday 01 Feb 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/24 E	8/18 E	9/14 E	8/12 E	9/17 E	14/23 SE	16/26 SE
300	10/24 E	7/18 NE	9/15 E	7/13 E	5/14 E	7/18 SE	12/25 SE
Valley	7/14 NE	5/9 E	4/9 E	7/13 E	5/14 E	8/19 SE	13/27 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-1/-7	-2/-6	-0/-5	-0/-4	-1/-6	-1/-7	-2/-8
300	-0/-5	-0/-4	3/-1	3/-0	0/-2	1/-3	0/-4
Valley	1/-3	0/-2	4/2	4/2	2/-0	2/-1	2/-2
Freezing Level*	100m	100m	300m	400m	300m	300m	200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

The cold conditions will continue with fair weather during daytime. Potential for a little snow, poor visibility and strengthening winds in the evening.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Mon 01 Feb 2021	0mm	0mm	1.4mm

Forecast for Tuesday 02 Feb 2021

Weather: A rapid deterioration in conditions by the morning. Heavy snow lasting for most of the day on any modest high ground with blizzards on the tops. Large snow accumulations building up. Snow turning to rain in the valleys then below about 500m late in the day but this aspect is rather uncertain.

Maximum wind: East or Southeast 30-35mph gusts 45mph at first, easing to 20mph gusts 30mph in afternoon.

Chance of cloud free mountain/hill tops above 600m: Effectively nil.

Visibility: Very poor at most elevations with extensive cloud down to 200 or 300m. White out conditions developing as snow accumulates. Expert navigation skills required to travel safely in the hills.

Temperature: **Valleys:** Plus 2C rising to 4C.
At 600m: Minus 1C.
Freezing level: Mainly 200m rising to 700m later.

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